

Release notes for ENDF/B Development n-052_Te.124
evaluation

ENDF
B-VII.dev

April 26, 2017

- checkr Warnings:

1. A previous error halted parsing of the current section
MAT=5237, MF= 1, MT=451 (1): Parsing stopped

```
ERROR(S) FOUND IN MAT=5237, MF= 1, MT=451
SECTION CANNOT BE CHECKED FROM SEQUENCE NUMBER    267 TO    323
```

- checkr Errors:

1. A variable is outside the allowed ENDF range
MAT=5237, MF= 1, MT=451 (0): Variable range

```
ERROR(S) FOUND IN MAT=5237, MF= 1, MT=451
MOD =      1 OUT OF RANGE      0 -      0      RECORD NUMBER    267
```

2. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=5237, MF= 2, MT=151 (0): Directory (b)

```
ERROR(S) FOUND IN MAT=5237, MF= 2, MT=151
SECTION 2/151 NOT IN DIRECTORY      RECORD NUMBER    325
```

3. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=5237, MF= 3, MT= 1 (0): Directory (b)

```
ERROR(S) FOUND IN MAT=5237, MF= 3, MT= 1
SECTION 3/ 1 NOT IN DIRECTORY      RECORD NUMBER    575
```

4. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=5237, MF= 3, MT= 2 (0): Directory (b)

```
ERROR(S) FOUND IN MAT=5237, MF= 3, MT= 2
SECTION 3/ 2 NOT IN DIRECTORY      RECORD NUMBER    602
```

5. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=5237, MF= 3, MT= 4 (0): Directory (b)

```
ERROR(S) FOUND IN MAT=5237, MF= 3, MT= 4
SECTION 3/ 4 NOT IN DIRECTORY      RECORD NUMBER    629
```

6. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=5237, MF= 3, MT= 16 (0): Directory (b)

```
ERROR(S) FOUND IN MAT=5237, MF= 3, MT= 16
SECTION 3/ 16 NOT IN DIRECTORY      RECORD NUMBER    646
```

7. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=5237, MF= 3, MT= 17 (0): Directory (b)

ERROR(S) FOUND IN MAT=5237, MF= 3, MT= 17
SECTION 3/ 17 NOT IN DIRECTORY RECORD NUMBER 656

8. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=5237, MF= 3, MT= 22 (0): Directory (b)

ERROR(S) FOUND IN MAT=5237, MF= 3, MT= 22
SECTION 3/ 22 NOT IN DIRECTORY RECORD NUMBER 662

9. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=5237, MF= 3, MT= 28 (0): Directory (b)

ERROR(S) FOUND IN MAT=5237, MF= 3, MT= 28
SECTION 3/ 28 NOT IN DIRECTORY RECORD NUMBER 677

10. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=5237, MF= 3, MT= 51 (0): Directory (b)

ERROR(S) FOUND IN MAT=5237, MF= 3, MT= 51
SECTION 3/ 51 NOT IN DIRECTORY RECORD NUMBER 688

11. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=5237, MF= 3, MT= 52 (0): Directory (b)

ERROR(S) FOUND IN MAT=5237, MF= 3, MT= 52
SECTION 3/ 52 NOT IN DIRECTORY RECORD NUMBER 705

12. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=5237, MF= 3, MT= 53 (0): Directory (b)

ERROR(S) FOUND IN MAT=5237, MF= 3, MT= 53
SECTION 3/ 53 NOT IN DIRECTORY RECORD NUMBER 720

13. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=5237, MF= 3, MT= 54 (0): Directory (b)

ERROR(S) FOUND IN MAT=5237, MF= 3, MT= 54
SECTION 3/ 54 NOT IN DIRECTORY RECORD NUMBER 735

14. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=5237, MF= 3, MT= 55 (0): Directory (b)

ERROR(S) FOUND IN MAT=5237, MF= 3, MT= 55
SECTION 3/ 55 NOT IN DIRECTORY RECORD NUMBER 749

15. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=5237, MF= 3, MT= 56 (0): Directory (b)

- | | | |
|---|---------------|-----|
| ERROR(S) FOUND IN MAT=5237, MF= 3, MT= 56 | RECORD NUMBER | 763 |
| SECTION 3/ 56 NOT IN DIRECTORY | | |
16. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=5237, MF= 3, MT= 57 (0): Directory (b)
- | | | |
|---|---------------|-----|
| ERROR(S) FOUND IN MAT=5237, MF= 3, MT= 57 | RECORD NUMBER | 776 |
| SECTION 3/ 57 NOT IN DIRECTORY | | |
17. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=5237, MF= 3, MT= 58 (0): Directory (b)
- | | | |
|---|---------------|-----|
| ERROR(S) FOUND IN MAT=5237, MF= 3, MT= 58 | RECORD NUMBER | 789 |
| SECTION 3/ 58 NOT IN DIRECTORY | | |
18. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=5237, MF= 3, MT= 59 (0): Directory (b)
- | | | |
|---|---------------|-----|
| ERROR(S) FOUND IN MAT=5237, MF= 3, MT= 59 | RECORD NUMBER | 801 |
| SECTION 3/ 59 NOT IN DIRECTORY | | |
19. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=5237, MF= 3, MT= 60 (0): Directory (b)
- | | | |
|---|---------------|-----|
| ERROR(S) FOUND IN MAT=5237, MF= 3, MT= 60 | RECORD NUMBER | 813 |
| SECTION 3/ 60 NOT IN DIRECTORY | | |
20. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=5237, MF= 3, MT= 61 (0): Directory (b)
- | | | |
|---|---------------|-----|
| ERROR(S) FOUND IN MAT=5237, MF= 3, MT= 61 | RECORD NUMBER | 825 |
| SECTION 3/ 61 NOT IN DIRECTORY | | |
21. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=5237, MF= 3, MT= 62 (0): Directory (b)
- | | | |
|---|---------------|-----|
| ERROR(S) FOUND IN MAT=5237, MF= 3, MT= 62 | RECORD NUMBER | 836 |
| SECTION 3/ 62 NOT IN DIRECTORY | | |
22. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=5237, MF= 3, MT= 63 (0): Directory (b)
- | | | |
|---|---------------|-----|
| ERROR(S) FOUND IN MAT=5237, MF= 3, MT= 63 | RECORD NUMBER | 847 |
| SECTION 3/ 63 NOT IN DIRECTORY | | |
23. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=5237, MF= 3, MT= 64 (0): Directory (b)

- | | | | |
|--|---|---------------|-----|
| | ERROR(S) FOUND IN MAT=5237, MF= 3, MT= 64 | | |
| | SECTION 3/ 64 NOT IN DIRECTORY | RECORD NUMBER | 857 |
24. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=5237, MF= 3, MT= 65 (0): Directory (b)
- | | | | |
|--|---|---------------|-----|
| | ERROR(S) FOUND IN MAT=5237, MF= 3, MT= 65 | | |
| | SECTION 3/ 65 NOT IN DIRECTORY | RECORD NUMBER | 867 |
25. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=5237, MF= 3, MT= 91 (0): Directory (b)
- | | | | |
|--|---|---------------|-----|
| | ERROR(S) FOUND IN MAT=5237, MF= 3, MT= 91 | | |
| | SECTION 3/ 91 NOT IN DIRECTORY | RECORD NUMBER | 877 |
26. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=5237, MF= 3, MT=102 (0): Directory (b)
- | | | | |
|--|---|---------------|-----|
| | ERROR(S) FOUND IN MAT=5237, MF= 3, MT=102 | | |
| | SECTION 3/102 NOT IN DIRECTORY | RECORD NUMBER | 886 |
27. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=5237, MF= 3, MT=103 (0): Directory (b)
- | | | | |
|--|---|---------------|-----|
| | ERROR(S) FOUND IN MAT=5237, MF= 3, MT=103 | | |
| | SECTION 3/103 NOT IN DIRECTORY | RECORD NUMBER | 909 |
28. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=5237, MF= 3, MT=104 (0): Directory (b)
- | | | | |
|--|---|---------------|-----|
| | ERROR(S) FOUND IN MAT=5237, MF= 3, MT=104 | | |
| | SECTION 3/104 NOT IN DIRECTORY | RECORD NUMBER | 923 |
29. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=5237, MF= 3, MT=105 (0): Directory (b)
- | | | | |
|--|---|---------------|-----|
| | ERROR(S) FOUND IN MAT=5237, MF= 3, MT=105 | | |
| | SECTION 3/105 NOT IN DIRECTORY | RECORD NUMBER | 935 |
30. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=5237, MF= 3, MT=107 (0): Directory (b)
- | | | | |
|--|---|---------------|-----|
| | ERROR(S) FOUND IN MAT=5237, MF= 3, MT=107 | | |
| | SECTION 3/107 NOT IN DIRECTORY | RECORD NUMBER | 945 |
31. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=5237, MF= 4, MT= 2 (0): Directory (b)

- | | |
|--|-------------------|
| ERROR(S) FOUND IN MAT=5237, MF= 4, MT= 2 | |
| SECTION 4/ 2 NOT IN DIRECTORY | RECORD NUMBER 962 |
32. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=5237, MF= 4, MT= 16 (0): Directory (b)
- | | |
|---|--------------------|
| ERROR(S) FOUND IN MAT=5237, MF= 4, MT= 16 | |
| SECTION 4/ 16 NOT IN DIRECTORY | RECORD NUMBER 1152 |
33. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=5237, MF= 4, MT= 17 (0): Directory (b)
- | | |
|---|--------------------|
| ERROR(S) FOUND IN MAT=5237, MF= 4, MT= 17 | |
| SECTION 4/ 17 NOT IN DIRECTORY | RECORD NUMBER 1163 |
34. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=5237, MF= 4, MT= 22 (0): Directory (b)
- | | |
|---|--------------------|
| ERROR(S) FOUND IN MAT=5237, MF= 4, MT= 22 | |
| SECTION 4/ 22 NOT IN DIRECTORY | RECORD NUMBER 1174 |
35. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=5237, MF= 4, MT= 28 (0): Directory (b)
- | | |
|---|--------------------|
| ERROR(S) FOUND IN MAT=5237, MF= 4, MT= 28 | |
| SECTION 4/ 28 NOT IN DIRECTORY | RECORD NUMBER 1185 |
36. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=5237, MF= 4, MT= 51 (0): Directory (b)
- | | |
|---|--------------------|
| ERROR(S) FOUND IN MAT=5237, MF= 4, MT= 51 | |
| SECTION 4/ 51 NOT IN DIRECTORY | RECORD NUMBER 1196 |
37. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=5237, MF= 4, MT= 52 (0): Directory (b)
- | | |
|---|--------------------|
| ERROR(S) FOUND IN MAT=5237, MF= 4, MT= 52 | |
| SECTION 4/ 52 NOT IN DIRECTORY | RECORD NUMBER 1226 |
38. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=5237, MF= 4, MT= 53 (0): Directory (b)
- | | |
|---|--------------------|
| ERROR(S) FOUND IN MAT=5237, MF= 4, MT= 53 | |
| SECTION 4/ 53 NOT IN DIRECTORY | RECORD NUMBER 1252 |
39. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=5237, MF= 4, MT= 54 (0): Directory (b)

- | | | |
|---|---------------|------|
| ERROR(S) FOUND IN MAT=5237, MF= 4, MT= 54 | RECORD NUMBER | 1278 |
| SECTION 4/ 54 NOT IN DIRECTORY | | |
40. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=5237, MF= 4, MT= 55 (0): Directory (b)
- | | | |
|---|---------------|------|
| ERROR(S) FOUND IN MAT=5237, MF= 4, MT= 55 | RECORD NUMBER | 1304 |
| SECTION 4/ 55 NOT IN DIRECTORY | | |
41. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=5237, MF= 4, MT= 56 (0): Directory (b)
- | | | |
|---|---------------|------|
| ERROR(S) FOUND IN MAT=5237, MF= 4, MT= 56 | RECORD NUMBER | 1330 |
| SECTION 4/ 56 NOT IN DIRECTORY | | |
42. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=5237, MF= 4, MT= 57 (0): Directory (b)
- | | | |
|---|---------------|------|
| ERROR(S) FOUND IN MAT=5237, MF= 4, MT= 57 | RECORD NUMBER | 1356 |
| SECTION 4/ 57 NOT IN DIRECTORY | | |
43. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=5237, MF= 4, MT= 58 (0): Directory (b)
- | | | |
|---|---------------|------|
| ERROR(S) FOUND IN MAT=5237, MF= 4, MT= 58 | RECORD NUMBER | 1382 |
| SECTION 4/ 58 NOT IN DIRECTORY | | |
44. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=5237, MF= 4, MT= 59 (0): Directory (b)
- | | | |
|---|---------------|------|
| ERROR(S) FOUND IN MAT=5237, MF= 4, MT= 59 | RECORD NUMBER | 1408 |
| SECTION 4/ 59 NOT IN DIRECTORY | | |
45. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=5237, MF= 4, MT= 60 (0): Directory (b)
- | | | |
|---|---------------|------|
| ERROR(S) FOUND IN MAT=5237, MF= 4, MT= 60 | RECORD NUMBER | 1434 |
| SECTION 4/ 60 NOT IN DIRECTORY | | |
46. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=5237, MF= 4, MT= 61 (0): Directory (b)
- | | | |
|---|---------------|------|
| ERROR(S) FOUND IN MAT=5237, MF= 4, MT= 61 | RECORD NUMBER | 1460 |
| SECTION 4/ 61 NOT IN DIRECTORY | | |
47. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=5237, MF= 4, MT= 62 (0): Directory (b)

- | | | |
|---|---------------|------|
| ERROR(S) FOUND IN MAT=5237, MF= 4, MT= 62 | RECORD NUMBER | 1486 |
| SECTION 4/ 62 NOT IN DIRECTORY | | |
48. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=5237, MF= 4, MT= 63 (0): Directory (b)
- | | | |
|---|---------------|------|
| ERROR(S) FOUND IN MAT=5237, MF= 4, MT= 63 | RECORD NUMBER | 1512 |
| SECTION 4/ 63 NOT IN DIRECTORY | | |
49. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=5237, MF= 4, MT= 64 (0): Directory (b)
- | | | |
|---|---------------|------|
| ERROR(S) FOUND IN MAT=5237, MF= 4, MT= 64 | RECORD NUMBER | 1538 |
| SECTION 4/ 64 NOT IN DIRECTORY | | |
50. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=5237, MF= 4, MT= 65 (0): Directory (b)
- | | | |
|---|---------------|------|
| ERROR(S) FOUND IN MAT=5237, MF= 4, MT= 65 | RECORD NUMBER | 1564 |
| SECTION 4/ 65 NOT IN DIRECTORY | | |
51. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=5237, MF= 4, MT= 91 (0): Directory (b)
- | | | |
|---|---------------|------|
| ERROR(S) FOUND IN MAT=5237, MF= 4, MT= 91 | RECORD NUMBER | 1589 |
| SECTION 4/ 91 NOT IN DIRECTORY | | |
52. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=5237, MF= 5, MT= 16 (0): Directory (b)
- | | | |
|---|---------------|------|
| ERROR(S) FOUND IN MAT=5237, MF= 5, MT= 16 | RECORD NUMBER | 1617 |
| SECTION 5/ 16 NOT IN DIRECTORY | | |
53. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=5237, MF= 5, MT= 17 (0): Directory (b)
- | | | |
|---|---------------|------|
| ERROR(S) FOUND IN MAT=5237, MF= 5, MT= 17 | RECORD NUMBER | 1675 |
| SECTION 5/ 17 NOT IN DIRECTORY | | |
54. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=5237, MF= 5, MT= 22 (0): Directory (b)
- | | | |
|---|---------------|------|
| ERROR(S) FOUND IN MAT=5237, MF= 5, MT= 22 | RECORD NUMBER | 1700 |
| SECTION 5/ 22 NOT IN DIRECTORY | | |
55. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=5237, MF= 5, MT= 28 (0): Directory (b)

ERROR(S) FOUND IN MAT=5237, MF= 5, MT= 28

SECTION 5/ 28 NOT IN DIRECTORY

RECORD NUMBER 1890

56. Missing a section in directory so your directory is messed up. This error will break everything else

MAT=5237, MF= 5, MT= 91 (0): Directory (b)

ERROR(S) FOUND IN MAT=5237, MF= 5, MT= 91

SECTION 5/ 91 NOT IN DIRECTORY

RECORD NUMBER 1994

- **groupie** Errors:

1. Very small elastic cross section found

0: Small elastic

Multi-Group and Multi-Band Parameters from ENDF/B Data (GROUPIE 2015-2)

ENDF/B Input and Output Data Filenames

ENDFB.IN

ENDFB.OUT

... [97 more lines]

- **fudge-4.0** Warnings:

1. Missing a channel with a particular angular momenta combination

resonances / resolved / MultiLevelBreitWigner (Error # 0): missingResonanceChannel

WARNING: Missing a channel with angular momenta combination L = 0, J = 1.5 and S = 1.5 for "capture"

WARNING: Missing a channel with angular momenta combination L = 1, J = 0.5 and S = 1.5 for "capture"

WARNING: Missing a channel with angular momenta combination L = 1, J = 1.5 and S = 1.5 for "capture"

WARNING: Missing a channel with angular momenta combination L = 1, J = 2.5 and S = 1.5 for "capture"

2. Cross section does not match sum of linked reaction cross sections

crossSectionSum label 0: total (Error # 0): CS Sum.

WARNING: Cross section does not match sum of linked reaction cross sections! Max diff: 0.47%

3. Cross section does not match sum of linked reaction cross sections

crossSectionSum label 1: (z,n) (Error # 0): CS Sum.

WARNING: Cross section does not match sum of linked reaction cross sections! Max diff: 0.14%

- **fudge-4.0** Errors:

1. Calculated and tabulated Q values disagree.

reaction label 17: n[multiplicity:'2'] + Te123 (Error # 0): Q mismatch

WARNING: Calculated and tabulated Q-values disagree: -8891446.159942627 eV vs -9428890. eV!

2. Calculated and tabulated Q values disagree.

reaction label 18: n[multiplicity:'3'] + Te122 (Error # 0): Q mismatch

WARNING: Calculated and tabulated Q-values disagree: -15820629.86207581 eV vs -1.63665e7 eV!

3. Calculated and tabulated Q values disagree.

reaction label 19: n + H1 + Sb123 (Error # 0): Q mismatch

WARNING: Calculated and tabulated Q-values disagree: -8056880.896377563 eV vs -8594430. eV!

4. Calculated and tabulated Q values disagree.
reaction label 20: Te125 + gamma (Error # 0): Q mismatch

WARNING: Calculated and tabulated Q-values disagree: 7101495.742645264 eV vs 6571430. eV!

5. Calculated and tabulated Q values disagree.
reaction label 21: n + He4 + Sn120 (Error # 0): Q mismatch

WARNING: Calculated and tabulated Q-values disagree: -1311865.509094238 eV vs -1.8384e6 eV!

6. Calculated and tabulated Q values disagree.
reaction label 22: H1 + Sb124_s (Error # 0): Q mismatch

WARNING: Calculated and tabulated Q-values disagree: -1589384.766693115 eV vs -2122430. eV!

7. Calculated and tabulated Q values disagree.
reaction label 23: H2 + Sb123_s (Error # 0): Q mismatch

WARNING: Calculated and tabulated Q-values disagree: -5832314.795440674 eV vs -6284310. eV!

8. Calculated and tabulated Q values disagree.
reaction label 24: H3 + Sb122_s (Error # 0): Q mismatch

WARNING: Calculated and tabulated Q-values disagree: -8540336.422805786 eV vs -9069460. eV!

9. Calculated and tabulated Q values disagree.
reaction label 25: He4 + Sn121_s (Error # 0): Q mismatch

WARNING: Calculated and tabulated Q-values disagree: 4858455.143295288 eV vs 4.3377e6 eV!

- njoy2012 Warnings:

1. With the advent of the ENDF-6 format, it is possible to make evaluations that fully describe all the products of a nuclear reaction. Some carry-over evaluations from earlier ENDF/B versions also have this capability, but many do not. This message is intended to goad evaluators to improve things!
group...compute self-shielded group-averaged cross-sections (0): GROUPR/conver (0)

---message from conver---cannot do complete particle production for mt= 16
only mf4/mf5 provided

2. With the advent of the ENDF-6 format, it is possible to make evaluations that fully describe all the products of a nuclear reaction. Some carry-over evaluations from earlier ENDF/B versions also have this capability, but many do not. This message is intended to goad evaluators to improve things!
group...compute self-shielded group-averaged cross-sections (1): GROUPR/conver (0)

---message from conver---cannot do complete particle production for mt= 17
only mf4/mf5 provided

3. With the advent of the ENDF-6 format, it is possible to make evaluations that fully describe all the products of a nuclear reaction. Some carry-over evaluations from earlier ENDF/B versions also have this capability, but many do not. This message is intended to goad evaluators to improve things!
group...compute self-shielded group-averaged cross-sections (2): GROUPR/conver (0)

---message from conver---cannot do complete particle production for mt= 22
only mf4/mf5 provided

4. With the advent of the ENDF-6 format, it is possible to make evaluations that fully describe all the products of a nuclear reaction. Some carry-over evaluations from earlier ENDF/B versions also have this capability, but many do not. This message is intended to goad evaluators to improve things!
grouppr...compute self-shielded group-averaged cross-sections (3): GROUPR/conver (0)

---message from conver---cannot do complete particle production for mt= 28
only mf4/mf5 provided

5. With the advent of the ENDF-6 format, it is possible to make evaluations that fully describe all the products of a nuclear reaction. Some carry-over evaluations from earlier ENDF/B versions also have this capability, but many do not. This message is intended to goad evaluators to improve things!
grouppr...compute self-shielded group-averaged cross-sections (4): GROUPR/conver (0)

---message from conver---cannot do complete particle production for mt= 91
only mf4/mf5 provided